

Application No.: 09/577,071  
Attorney Docket No. 99-852

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Previously Presented) A data processing apparatus for correlating network events among a number of client services comprising:
  - at least one computer comprising:
    - a memory having program instructions; and
    - a processor configured to use said program instructions to provide:
      - a network management service;
      - an event notification service;
      - a network mediation service adapted to:
        - receive a raw event from an external computer network; and
        - transmit said raw event to said event notification service;
      - a message parsing service adapted to:
        - receive a raw event from said event notification service;
        - parse said raw event; and
        - transmit said parsed event to said event notification service;
      - and
      - an event correlation service coupled to a knowledge database comprising correlation knowledge, said event correlation service adapted to:

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receive said parsed event from said event notification service;

utilize data stored in said knowledge database to derive an event from said parsed event; and transmit said derived event to one of a plurality of operator workstations via said event notification service, regardless of a significance of said derived event;

wherein said network mediation, message parsing, event notification and network management services are coupled together via a plurality of interfaces.

2. (Original) The data processing apparatus of claim 1, wherein said network mediation service is adapted to interface with at least one external computer network.

3. (Original) The data processing apparatus of claim 2, wherein said network mediation service is further adapted to:

receive a raw event at said network mediation service from said external computer network; and

transmit said raw event to said message parsing service.

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4. (Original) The data processing apparatus of claim 1, wherein said message parsing service is adapted to receive a raw event from said network mediation service and produce a parsed event.

5. (Original) The data processing apparatus of claim 4, wherein said message parsing service is adapted to route said parsed event to said network management service via said event notification service.

6. (Original) The data processing apparatus of claim 5, wherein said message parsing service is adapted to route said parsed event to said event correlation service via said event notification service.

7. (Original) The data processing apparatus of claim 1, wherein said network management service is adapted to interface with a plurality of operator workstations.

8. (Original) The data processing apparatus of claim 1, wherein said network management service is further adapted to:

receive data requests from said plurality of operator workstations; and

transmit said data requests to said event correlation service via said event notification service.

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9. (Original) The data processing apparatus of claim 4, wherein said event notification service is further comprised of:

- a raw event channel;
- a parsed event channel; and
- a derived event channel.

10. (Original) The data processing apparatus of claim 9, wherein said event notification service is further comprised of at least one filter.

11. (Original) The data processing apparatus of claim 10, wherein said at least one filter is coupled to at least one of said plurality of event channels.

12. (Original) The data processing apparatus of claim 9, wherein said raw event channel is adapted to:

- receive a raw event from said network mediation service; and
- transmit said raw event to said message parsing service.

13. (Previously Presented) The data processing apparatus of claim 9, wherein said parsed event channel is adapted to:

- receive a parsed message from said message parsing service; and
- transmit said parsed message to said network management service.

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14. (Original) The data processing apparatus of claim 9, wherein said  
parsed event channel is adapted to:

receive a parsed event from said message parsing service; and  
transmit said parsed event to said event correlation service.

15. (Original) The data processing apparatus of claim 9, wherein said  
derived event channel is adapted to:

receive a derived event from said event correlation service; and  
transmit said derived event to network management service.

16 - 33. (Canceled)